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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/884,789
Filing Date	06/19/2001
First Named Inventor	Harand Gaspar
Title	Verification of Collision Detection
Group Art Unit	2161
Examiner Name	Not Yet Assigned
Attorney Docket Number	F1013/2008P

I hereby appoint:

Practitioners at Customer Number

Place Customer
Number Bar Code
Label here

OR

Practitioner(s) named below:

Name	Registration Number
Elizabeth A. Apperley	36,428
Bradley Botsch	34,552
Paul S. Drake	33,491
Continued - please see attached sheet	

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

Practitioners at Customer Number

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OR

Firm or
Individual Name

Kelly K. Kordzik, Winstead Sechrest & Minick P.C.

Address

P.O. Box 50784

Address

1201 Main Street

City

Dallas

State

TX

Zip

75250-0784

Country

U.S.A.

Telephone

512-370-2851

Fax 512-370-2850

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

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SIGNATURE of Applicant or Assignee of Record

Name

Paul S. Drake, IP Portfolio Counsel and Assistant Secretary of AMD

Signature

Date

August 25, 2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

*Total of 2 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PTO/SB/82 (10-00)

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REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/884,789
Filing Date	06/19/2001
First Named Inventor	Harand Gaspar
Group Art Unit	2161
Examiner Name	Not Yet Assigned
Attorney Docket Number	F1013/2008P

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

A Power of Attorney or Authorization of Agent is submitted herewith.

OR

Please change the correspondence address for the above-identified application to:

Customer Number



Place Customer Number Bar Code Label here

OR

Firm or Individual Name

Address

Address

City

Country

State

ZIP

Telephone

Fax

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

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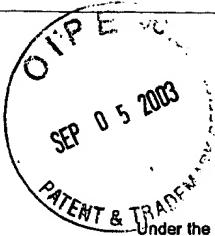
SIGNATURE of Applicant or Assignee of Record

Name	Paul S. Drake, Intellectual Property Portfolio Counsel and Assistant Secretary of AMD
Signature	
Date	August 25, 2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

Total of 3 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/96 (08-00)

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Advanced Micro Devices, Inc.

Application No./Patent No.: 09/884,789 Filed/Issue Date: 06/19/2001

Entitled: Verification of Collision Detection and Resolution in a Home Network

Advanced Micro Devices, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011942, Frame 0059, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

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Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

August 25, 2003

Date

Paul S. Drake

Typed or printed name

Paul S. Drake

Signature

IP Portfolio Counsel, and Asst. Sec. of AMD

Title

Continued sheet - POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Page 2 of 2

Application No. 09/884,789

Filing Date: 06/19/2001

I hereby appoint:

Daniel R. Collopy	Reg. No. 33,667
Michael Caywood	Reg. No. 37,797
Kent Cooper	Reg. No. 37,296
Harry A. Wolin	Reg. No. 32,638
Keith Witek	Reg. No. 37,475
Kelly K. Kordzik	Reg. No. 36,571
Michael P. Adams	Reg. No. 34,763
Barry S. Newberger	Reg. No. 41,527
Robert A. Voigt, Jr.	Reg. No. 47,159
Richard F. Frankeny	Reg. No. 47,573

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SGS AMD 2008P #2
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
184-P158 US

SEPTEMBER 10, 2001

PTAS



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SAWYER LAW GROUP LLP
JOSEPH A. SAWYER, JR.
P.O. BOX 51418
PALO ALTO, CALIFORNIA 94303

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/19/2001

REEL/FRAME: 011942/0059
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GASPAR, HARAND

DOC DATE: 06/08/2001

ASSIGNOR:

CHOW, PETER K.

DOC DATE: 06/09/2001

ASSIGNOR:

FISHER, JENNY L.

DOC DATE: 06/12/2001

ASSIGNEE:

ADVANCED MICRO DEVICES, INC.
1 AMD PLACE
SUNNYVALE, CALIFORNIA 94086

SERIAL NUMBER: 09884789

FILING DATE: 06/19/2001

PATENT NUMBER:

ISSUE DATE:

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011942/0059 PAGE 2

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
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RECORDATION FORM COVER SHEET
PATENTS ONLY



07-09-2001

101770527

Attorney Docket: F1013/2008P

US Department of Commerce
Patent & Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies)

Harand Gaspar
Peter K. Chow
Jenny L. Fisher

2. Name and address of receiving party(ies)

Advanced Micro Devices, Inc.

Street Address: 1 AMD Place

City: Sunnyvale State: CA Zip: 94086

Additional name(s) of conveying party(ies)
attached? Yes No

Additional name(s) & address(es) of receiving party(ies)
attached? Yes No

3. Nature of conveyance:

Execution Dates: June 8, 2001

June 9, 2001

June 12, 2001

Assignment

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application
is June 8, 2001; June 9, 2001 and June 12, 2001.

A. Patent Application No.(s) 19/884,789

B. Patent No.(s)

Additional numbers attached? Yes No

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

* 6. Total Number of applications and patents involved: One

Name: Joseph A. Sawyer, Jr.

Internal

Address: Sawyer Law Group LLP

Street

Address: P.O. Box 51418

Palo Alto, California 94303

* 7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to Deposit Account

* 8. Deposit Account Number: 01-0365 (AMD, Inc.)
(Attach copy of this page)

07/09/2001 DBYRNE 00000036 010365 09004709/

01 FC:501

40.00 CH

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9. Statement and signature

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date

6/17/01

Stephen G. Sullivan, Reg. No. 38,329

Total number of pages including cover sheet, attachments, and document: 5

ASSIGNMENT

WHEREAS, the undersigned, Harand Gaspar, residing at 22381 Salem Ave., #1, Cupertino, California 95014; Peter K. Chow, residing at 1416 Maxwell Way, San Jose, California 95131; and Jenny L. Fischer, residing at 1426 Meadow Lane, Mt. View, California 94040 (herein after called the Assignor), has invented certain new and useful improvements in

VERIFICATION OF COLLISION DETECTION AND RESOLUTION IN A HOME NETWORK

for which a United States patent application has been concurrently executed on the date of this assignment.

WHEREAS, ADVANCED MICRO DEVICES, INC., a corporation of the State of Delaware, having a place of business at 901 Thompson Place, P.O. Box 3453, Sunnyvale, California, 94088-3453 (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignors from said Assignee; the receipt of which is hereby acknowledged by said Assignors:

1. Said Assignors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignors; and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
2. Said Assignors hereby covenant and agree to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignors in lending such assistance and cooperation shall be paid by the Assignee.
3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignors, their heirs, legal representatives and assigns.
4. Said Assignors hereby warrant and represent that he has not entered into any assignment, contract or understanding in conflict herewith.

ASSIGNMENT (continued)

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

June 8, 2001

Date

Harand Gaspar

Harand Gaspar

STATE OF CALIFORNIA

)

COUNTY OF SANTA CLARA

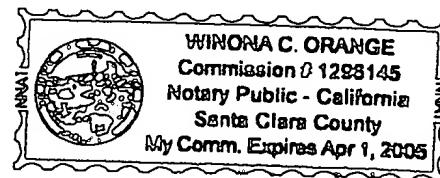
)
ss.
)

WINONA C.

On 6/8/01, 2001 before me, Orange, Notary Public, personally appeared Harand Gaspar, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Winona C. Orange
Signature



IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

Date

Peter K. Chow

RECEIVED

STATE OF CALIFORNIA

)

COUNTY OF SANTA CLARA

ss.
)

SEP 09 2003

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On _____, 2001 before me, _____, Notary Public, personally appeared Peter K. Chow, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

Executed this 9 day of June, 2001

Peter Ke-fai Chow
Peter K. Chow

WITNESSED:

Signature

J. Gillen

Date

June 9, 2001

Type or print name of witness

MING C. TSANG

WITNESSED:

Signature

P. Chow

Date

June 9, 2001

Type or print name of witness

KAM CHUN CHOW

ASSIGNMENT (continued)

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

June 12, 2001

Date

Jenny L. Fischer

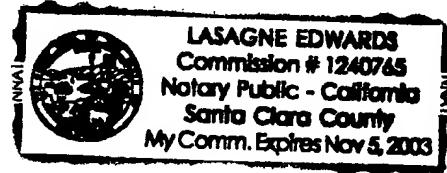
Jenny L. Fischer

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)ss.
)

On June 12, 2001 before me, Lasagne Edwards, Notary Public, personally appeared Jenny L. Fisher, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Lasagne Edwards
Signature



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